MEDIVATORS™
REPROCESSING SYSTEMS

DSD-201™, DSD-201LT™

Endoscope Reprocessor
Domestic, U.S. only

Illustrated Parts Guide

50096-127 Revision A

This document is designed to provide a quick and easy reference to the major replacement parts and components for the DSD-201. It does not include some of the smaller items such as screws and washers. The electronic circuit boards are also listed in a table.

The parts listed in this document are subject to change without notice.

To order parts or place a Technical Service call, contact the Technical Assistance Center at 800-848-9024.

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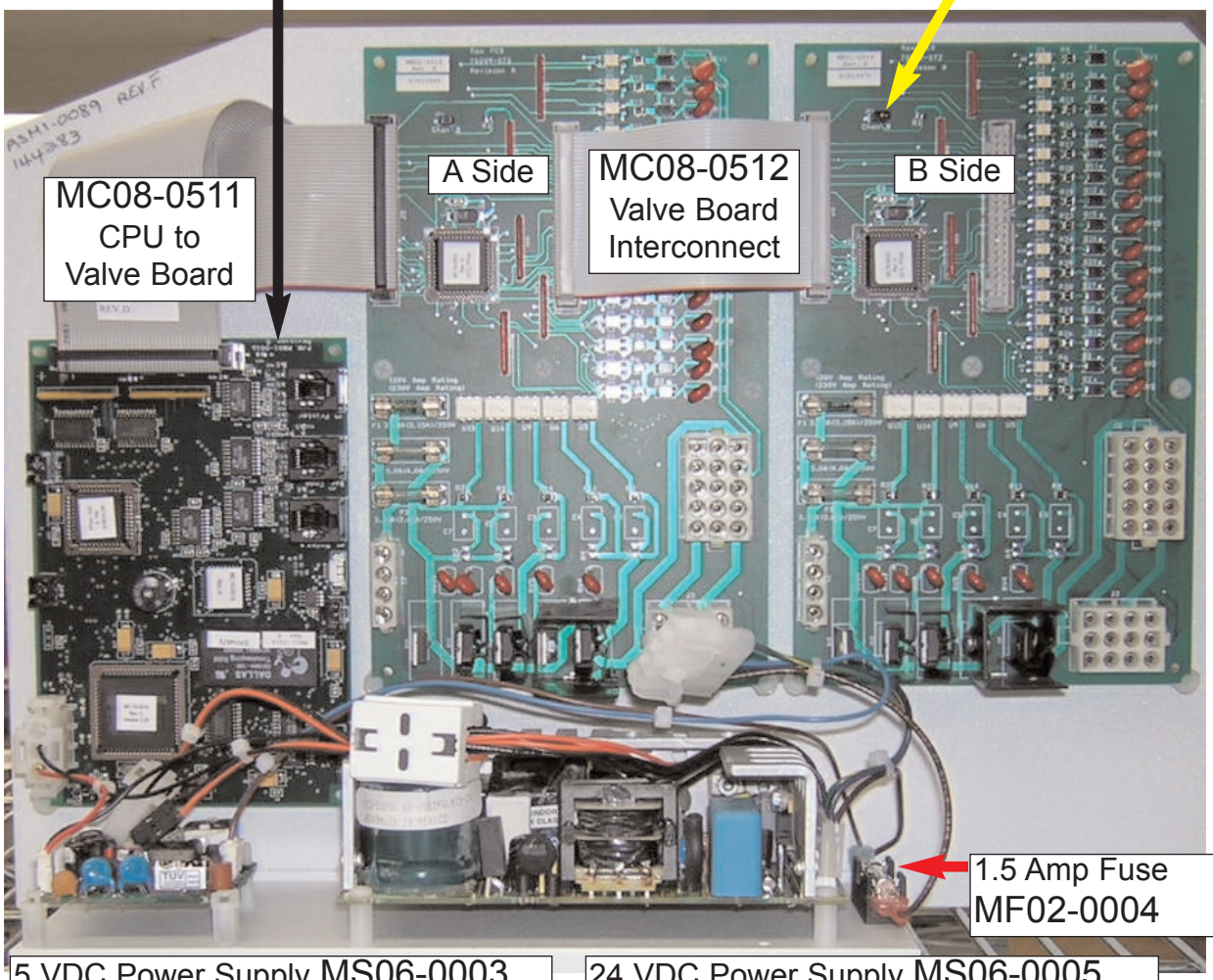
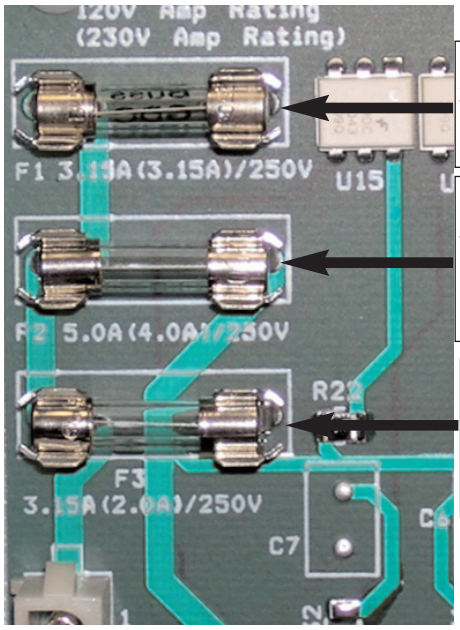
Electronic Circuit Boards, Cables and Assemblies

Item		Part Number
Pg	**PC Boards / Power Supplies**	
4	CPU with Temperature Monitor	MB01-0016
6	Digital I/O	MB01-0017
6	Sensor	MB01-0018
6	Leak Tester (S.I.T.)	MB01-0020
10	Control Panel	MB01-0022
4	Valve Drive (110V)	MB01-0019
4	5 VDC P.S.	MS06-0003
4	24 VDC P.S.	MS06-0005
	Cables	
6	Digital Output / Sheath / Sensor	MC08-0051
7	Digital Output / Sensor	MC08-0510
4	CPU / Valve / Do Ribbon	MC08-0511
4	Valve Board Interconnect	MC08-0512
5	Control Panel Bus Line	MC08-0508
	Fuses	
	Main Fuse	
4	1-1/2 Amp	MF02-0004
	Valve Drive Board	
5	3.15 Amp (Qty 2)	MF02-0014
5	5 Amp	MF02-0017
	Air Tank Wiring Harness Fuse	
5	6.25 Amp	MF01-0018

Main Electronic Panel Assembly: ASM1-0089



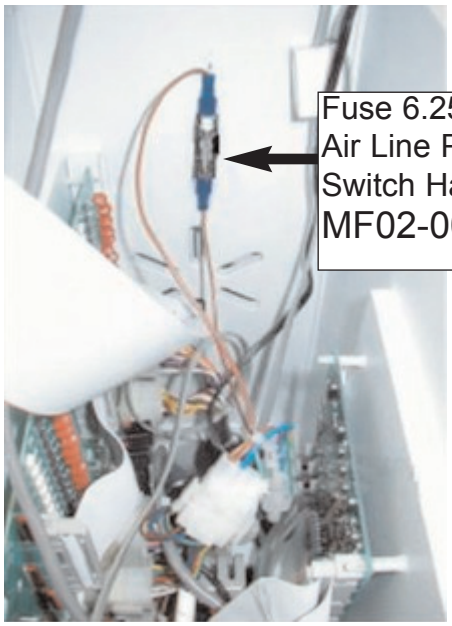
Close-up of Fuses



F1 - Fuse
3.15 Amp (Valves)
MF02-0014

F2 - Fuse
5 Amp (Compressor LCG Pump)
MF02-0017

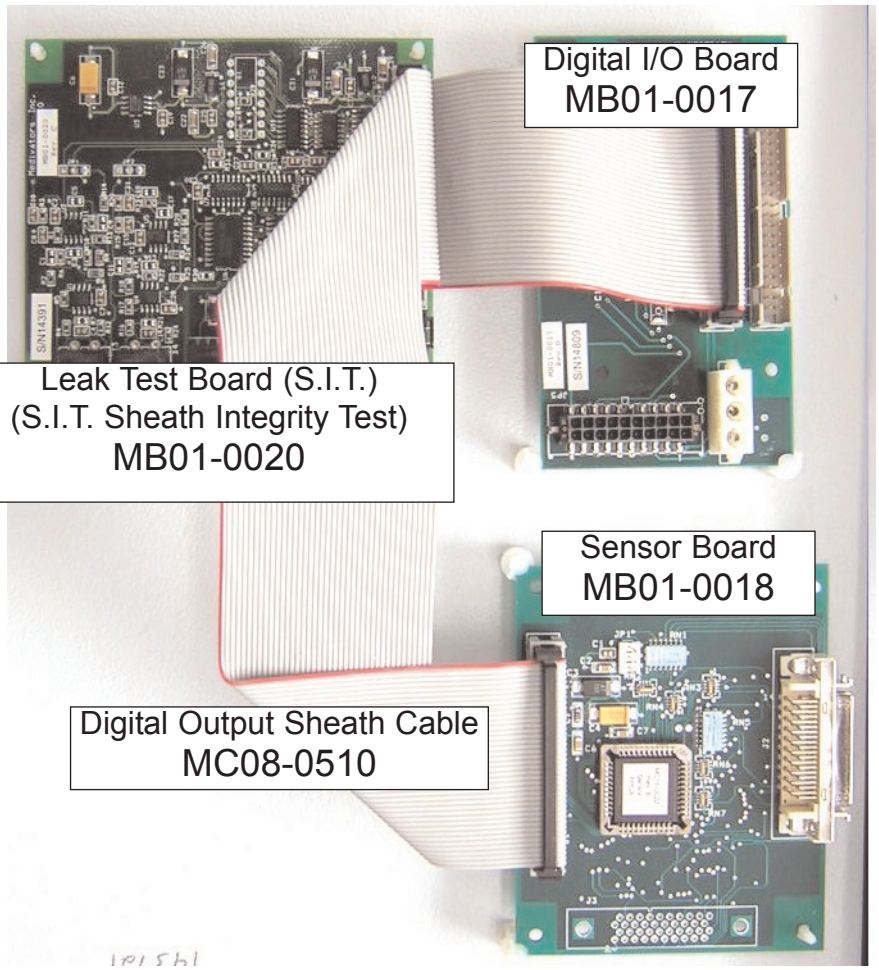
F3 - Fuse
3.15 Amp
(LCG Heater)
MF02-0014



Fuse 6.25 Amps
Air Line Pressure Switch Harness
MF02-0018

Interconnect Cable: Control Panel to Valve Board
MC08-0508

Secondary Electronic Assembly: ASM1-0090
With Leak Tester Board



Digital I/O Board
MB01-0017

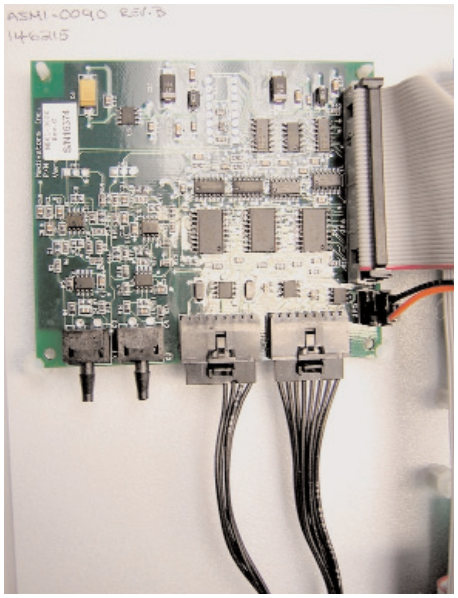
NOTE: CPU cable connects here
MC08-0511

Leak Test Board (S.I.T.)
(S.I.T. Sheath Integrity Test)
MB01-0020

Sensor Board
MB01-0018

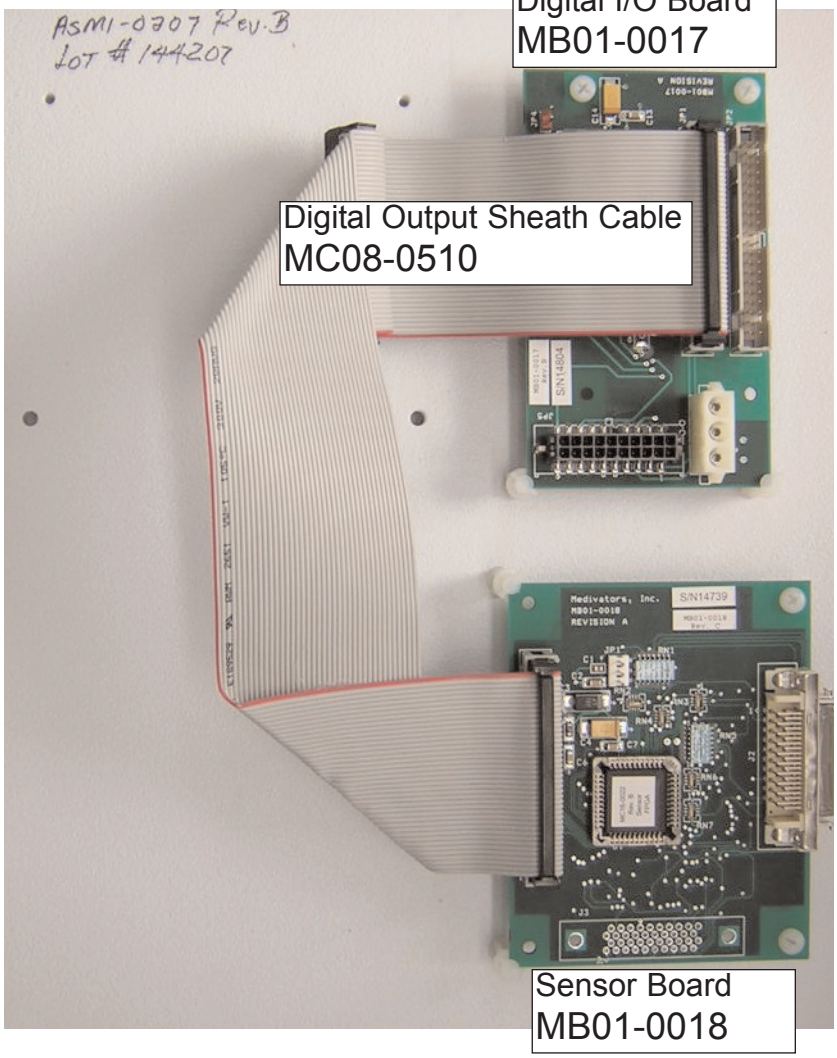
Digital Output Sheath Cable
MC08-0510

Sensor Harness
MH05-0043
(Not pictured)
Connects to sensor board

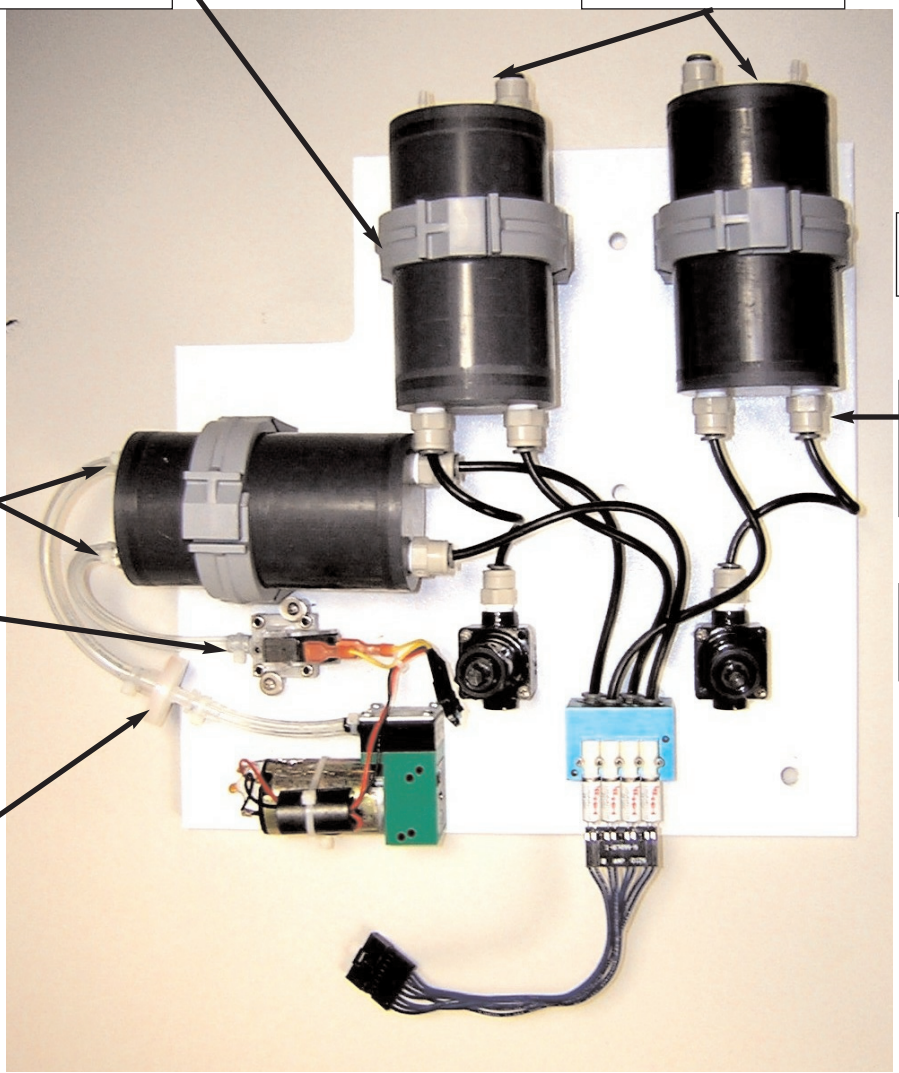


Leak Test Board showing cables connected

Secondary Electronic Panel
Without Leak Tester Board: ASM1-0207

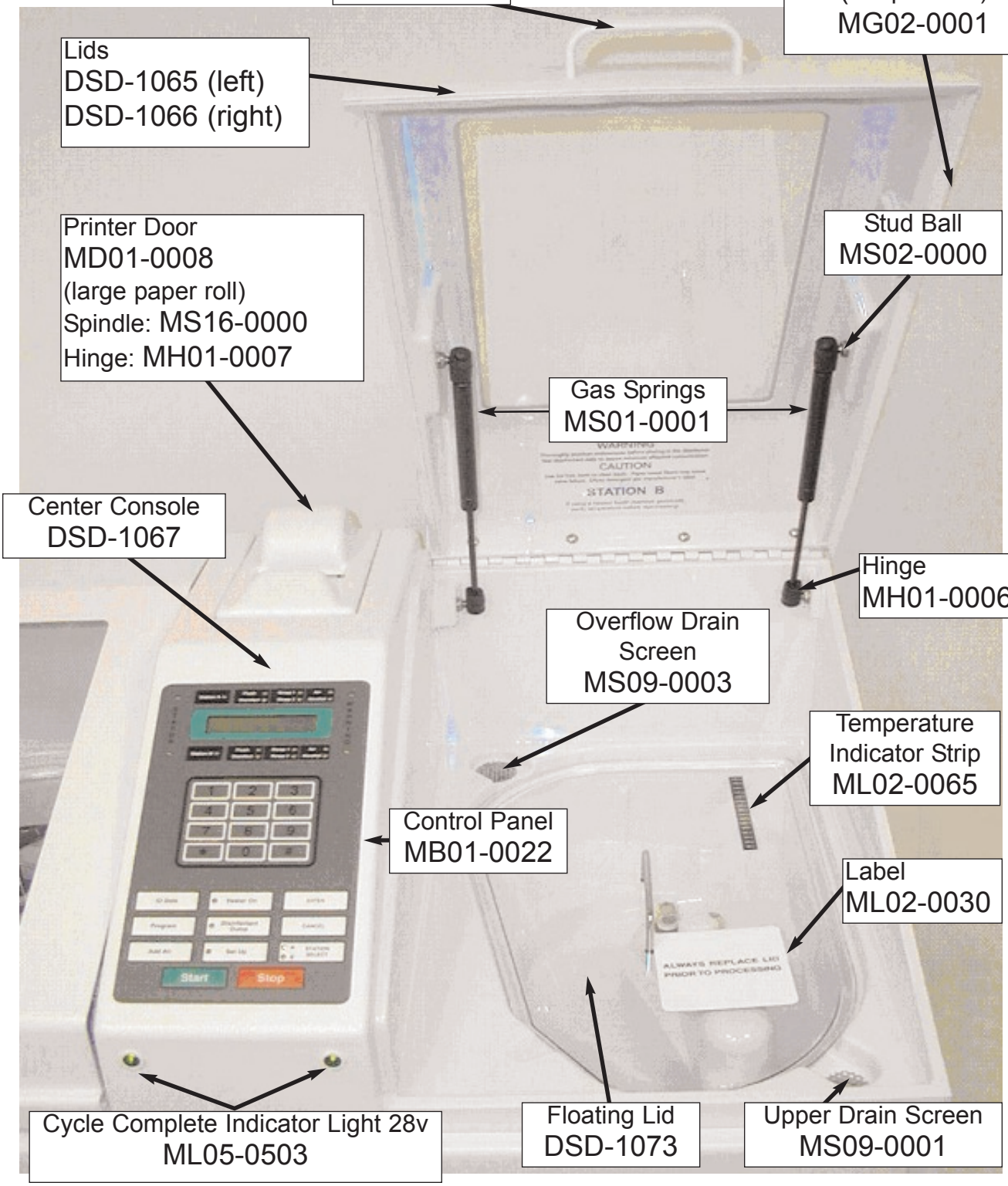


Leak Tester Assembly: ASM1-0080

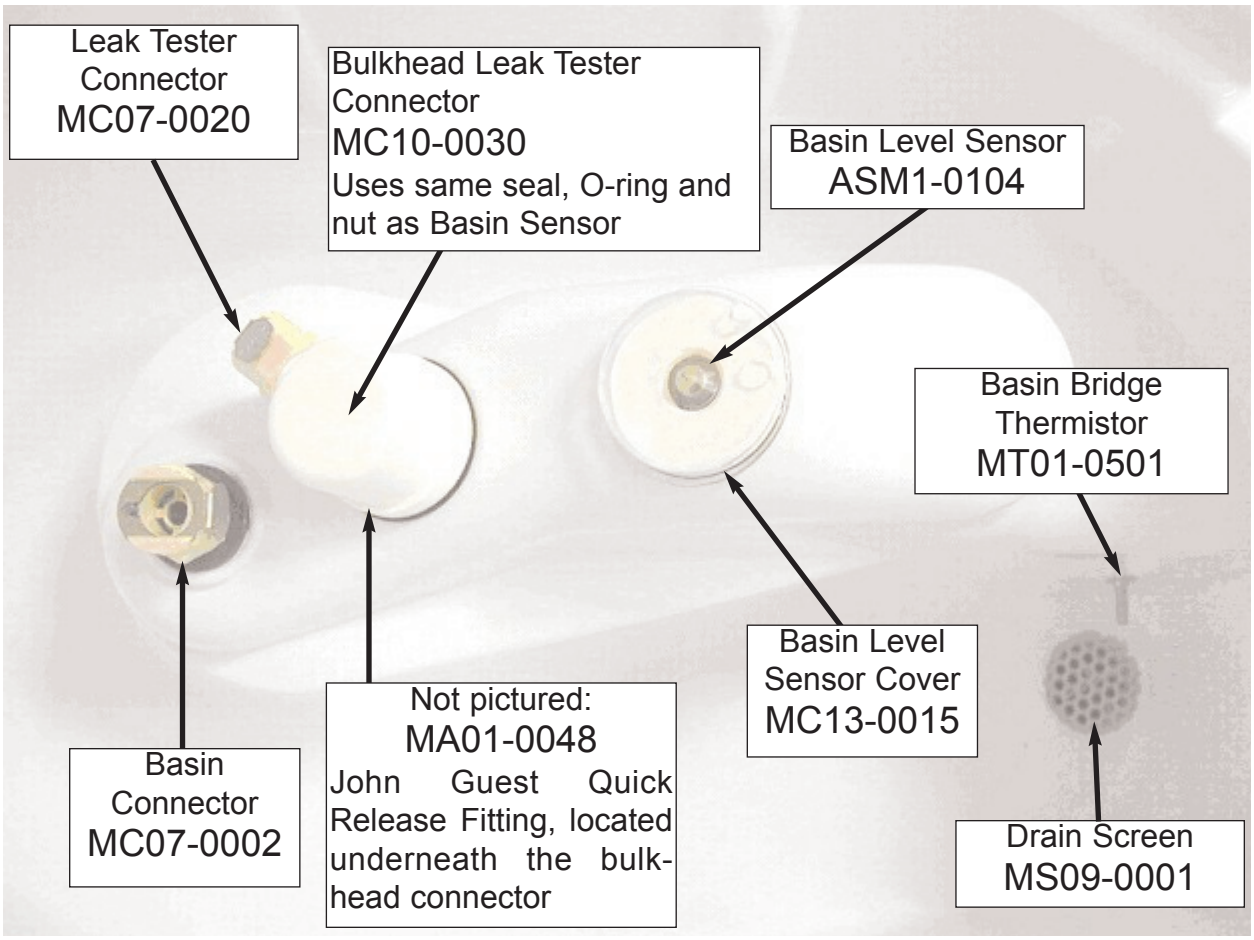


DSD Front View

DSD, Top View

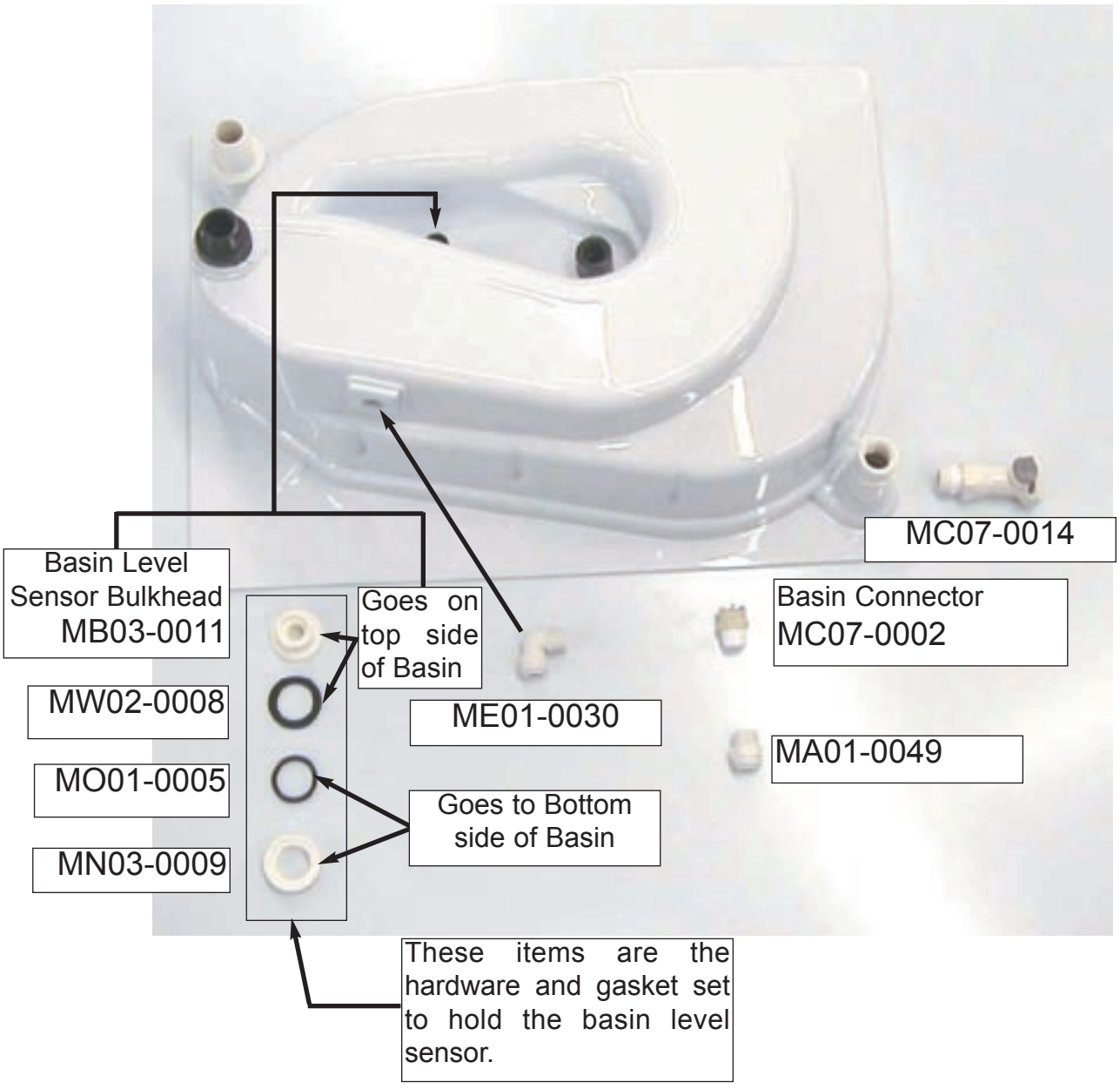

Handle
MH04-0002
Lid Gasket Material
(7 ft per side)
MG02-0001
Lids
DSD-1065 (left)
DSD-1066 (right)
Printer Door
MD01-0008
(large paper roll)
Spindle: MS16-0000
Hinge: MH01-0007
Stud Ball
MS02-0000
Gas Springs
MS01-0001
Center Console
DSD-1067
Hinge
MH01-0006
Overflow Drain
Screen
MS09-0003
Temperature
Indicator Strip
ML02-0065
Control Panel
MB01-0022
Label
ML02-0030
Cycle Complete Indicator Light 28v
ML05-0503
Floating Lid
DSD-1073
Upper Drain Screen
MS09-0001

Basin, Top View

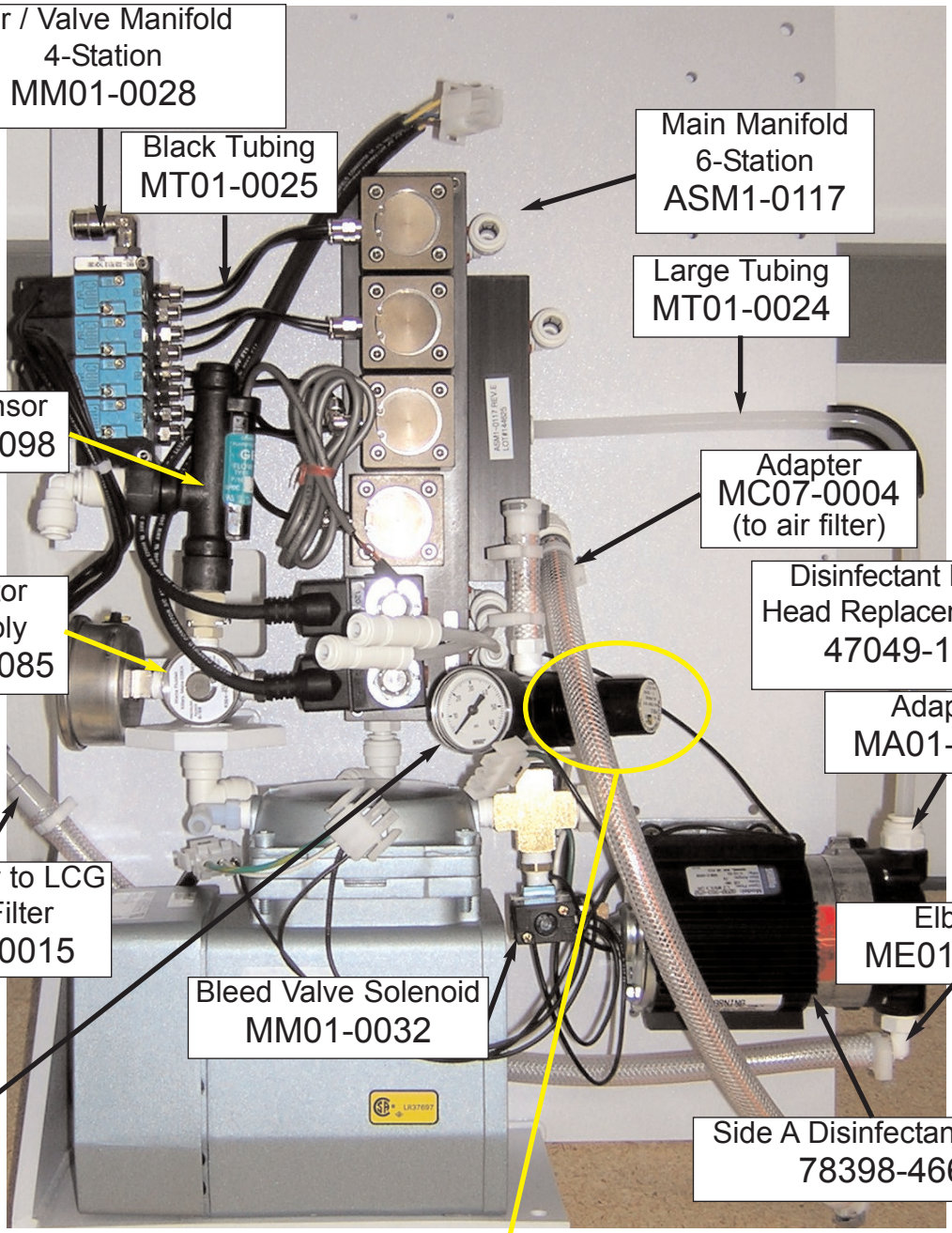


Proper basin sensor cap orientation is show at left

Basin, View of Underside



Station “A” Main Module Assembly: ASM1-0113

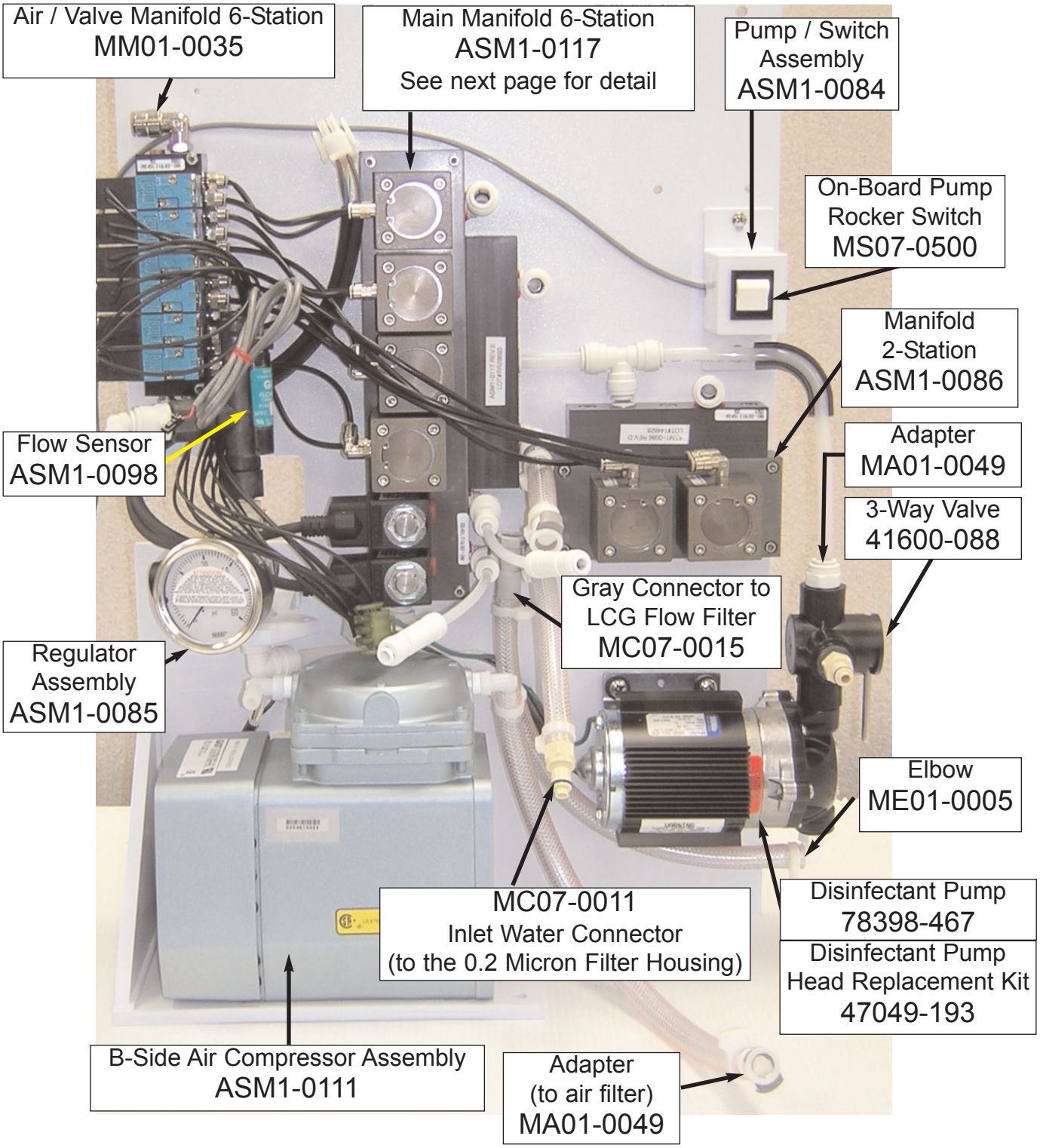


Air Compressor Assembly: ASM1-0078
The following are a part of the assembly:
Regulator: MR01-0001
Gauge: MG01-0000

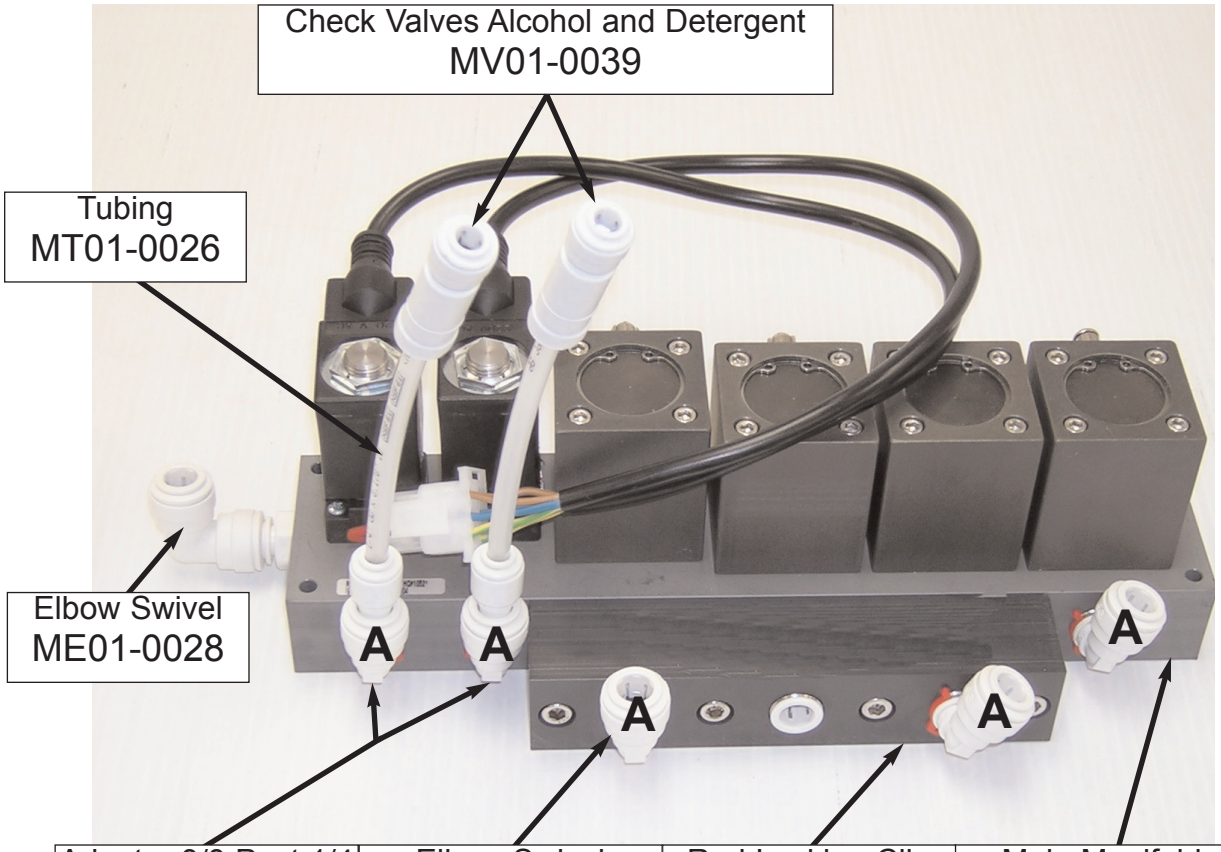
Early models may not have this regulator installed. This may have been installed as an optional upgrade under P/N: 78398-230

If installing a new compressor in a DSD that doesn’t have this upgrade, contact Medivators for instructions and additional parts that may be needed.

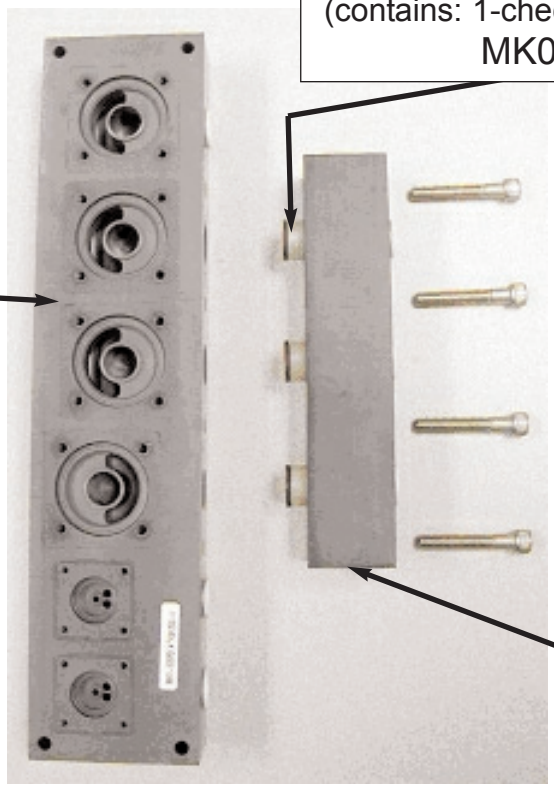
Station “B” Main Module Assembly: ASM1-0115



Detail of Main 6 Valve Manifold: ASM1-0117



Main Manifold Block 6-Station: MM01-0030

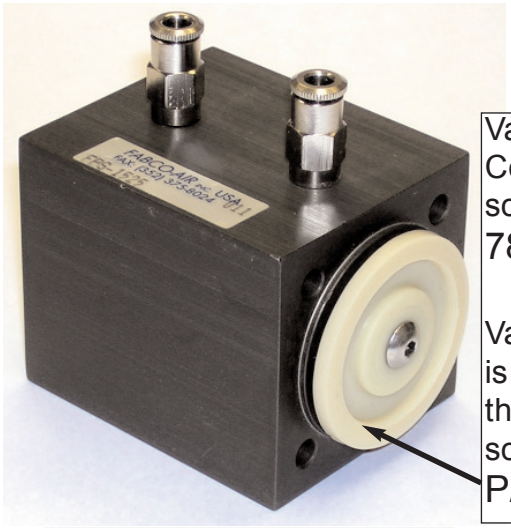


Check Valve Kit
(contains: 1-check valve, 3 O-rings)
MK01-0068

Main Manifold Base
MB02-0551

Main Manifold Inlet Base
MB02-0550

Pneumatic Valve Assemblies



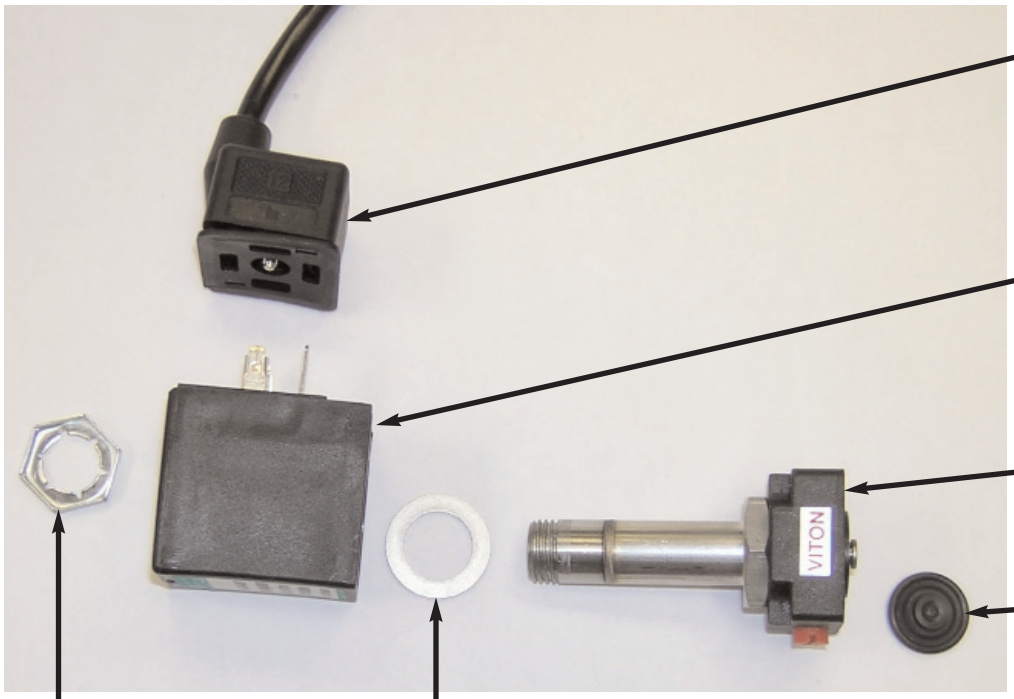
Valve Block Assembly with
Straight Connections
41600-123

Valve Seal Kit
Contains: 4 seals, screws and Loctite
78398-538

Valve Stem Wrench is needed to remove the valve stem screw.
P/N: MW03-0002

Valve Block Assembly with
Angled Connection
41600-124

Alcohol / Detergent Valves



Wiring Harness:
43580-100

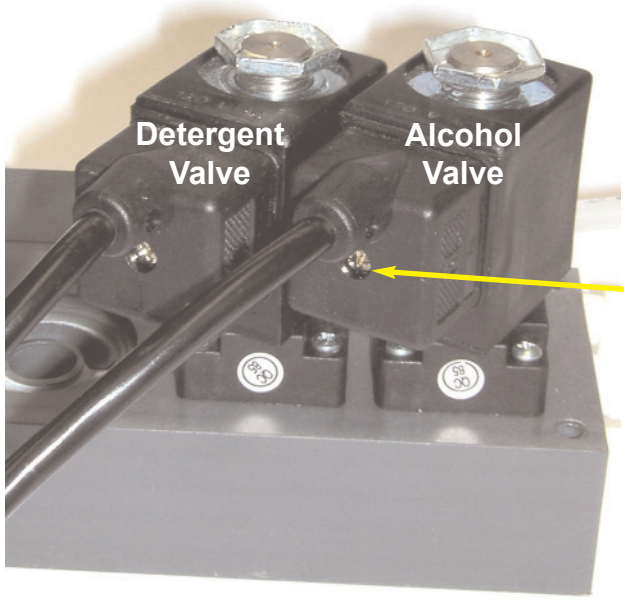
Coil
MV01-0032

Valve
MV01-0034

Valve Seal
MV01-0035

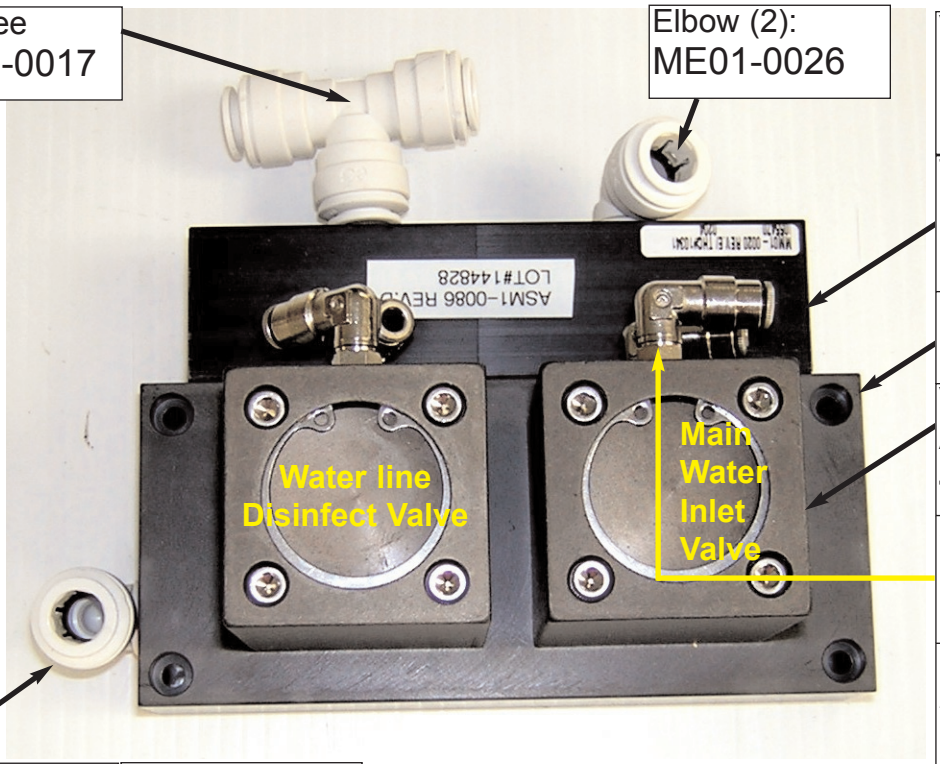
Retaining Nut
MN03-0020

Washer
MW02-0170



Wiring Harness Retention Screw

2-Valve Manifold: ASM1-0086



Tee
MT02-0017

Elbow (2):
ME01-0026

Valve Body
MM01-0020
Contains:

Top Manifold Block
MB01-0549

Base
MB01-0552

Valve Block Assembly
41600-124

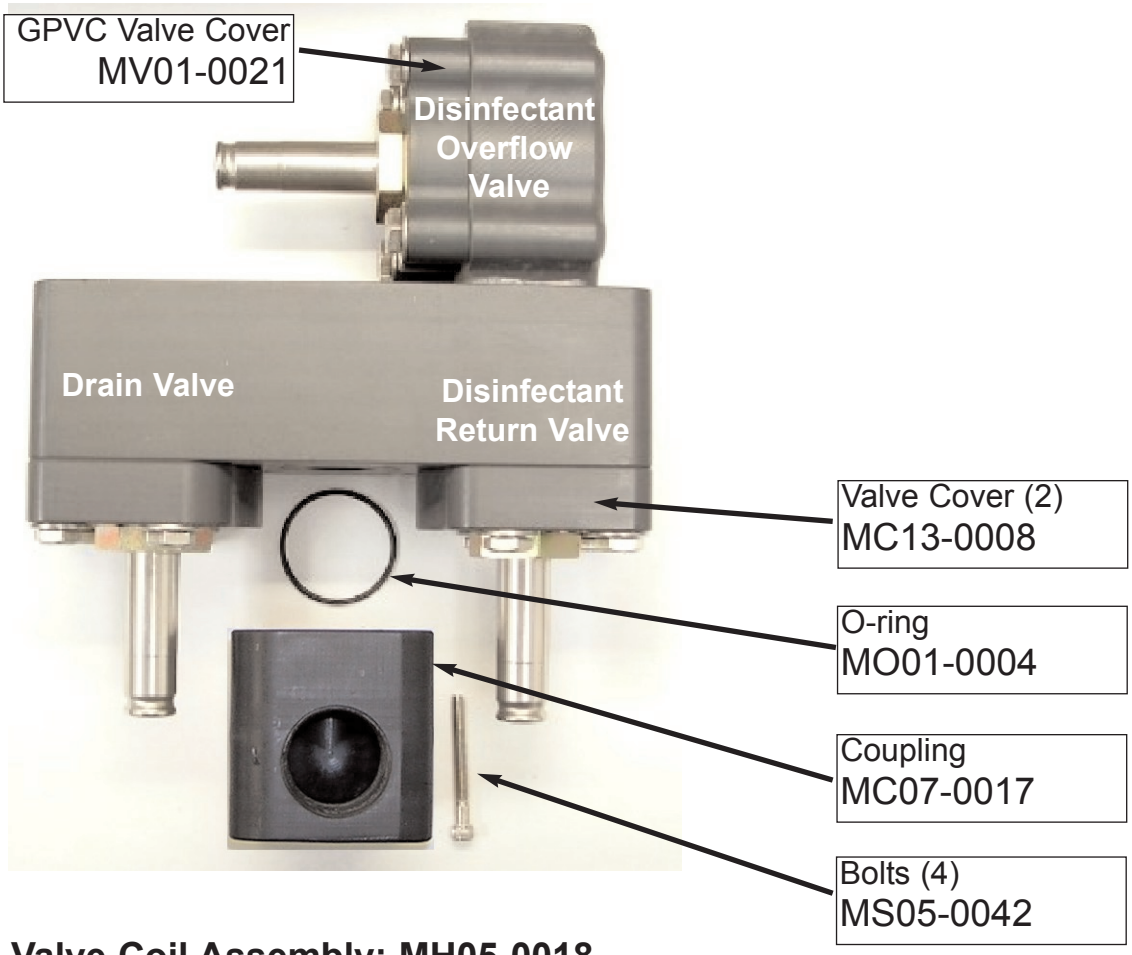
Small Elbow (on valve block)
ME01-0033

Check Valves 2-Internal
MK01-0068

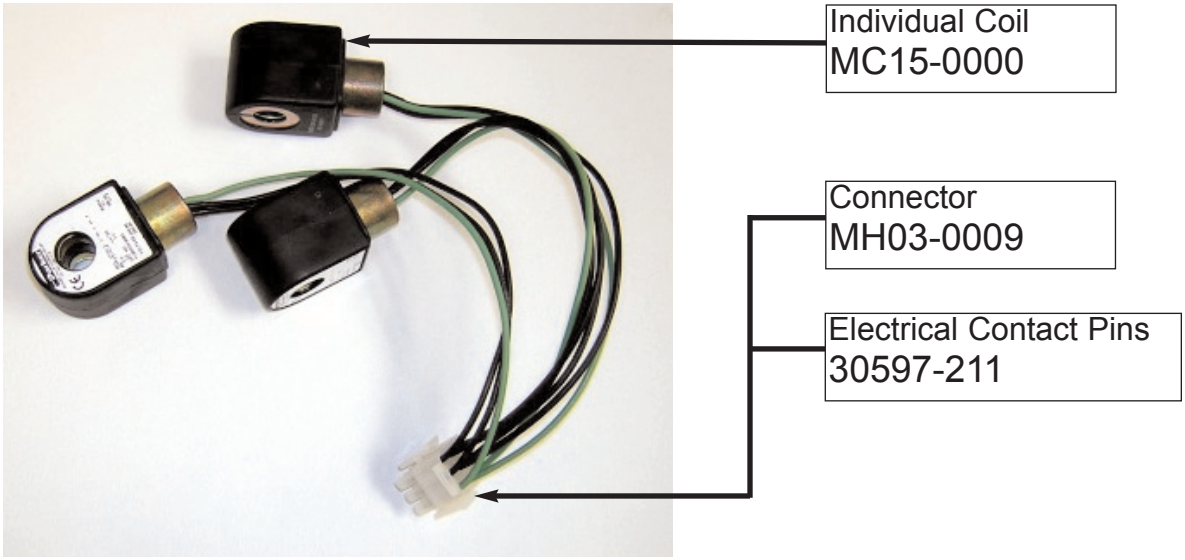
Elbow
ME01-0026

Red Locking Clips
ML05-0001
not seen in this picture. These secure the tee and elbows.

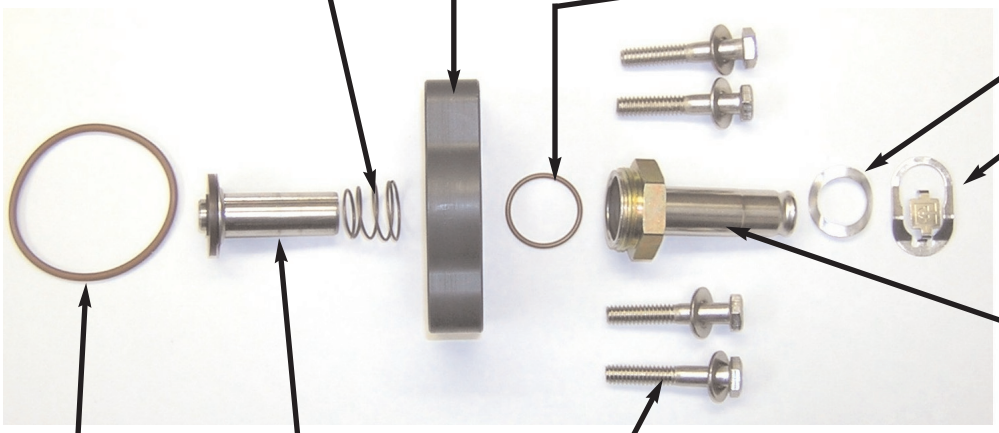
3/4” Drain, Cascade Overflow and Disinfectant Return Valve Assembly: MV01-0022



Valve Coil Assembly: MH05-0018



Components of the 3/4” Valve Rebuild Kit: MK01-0029



Spring
MS01-0003
NOTE: Proper orientation is critical

MC13-0008 or MV01-0021 are **not** included in the MK01-0029 Kit. Shown for illustrative purpose only.

Small O-ring
MO01-0022

Wave Washer
MW02-0019

Coil Retention Clip
MC02-0023

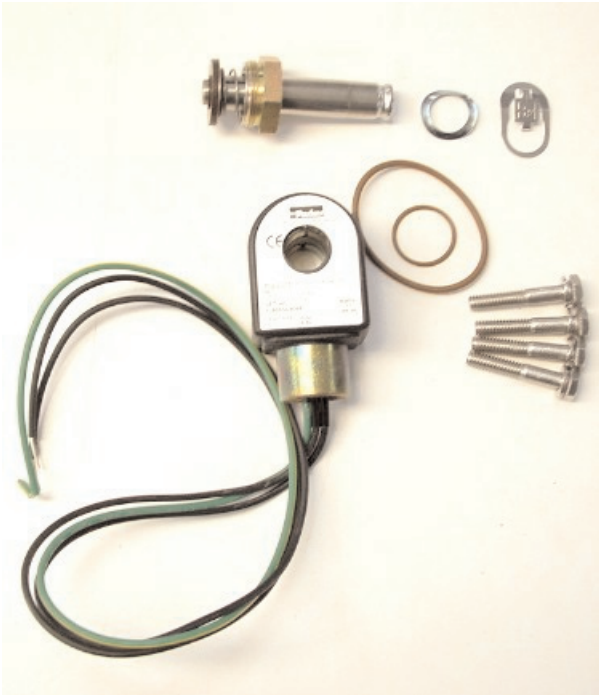
Plunger Housing
MV01-0044

Large O-ring
MO01-0018

Plunger
MP07-0507

Bolts
MS05-0107

Washer
MW02-0004



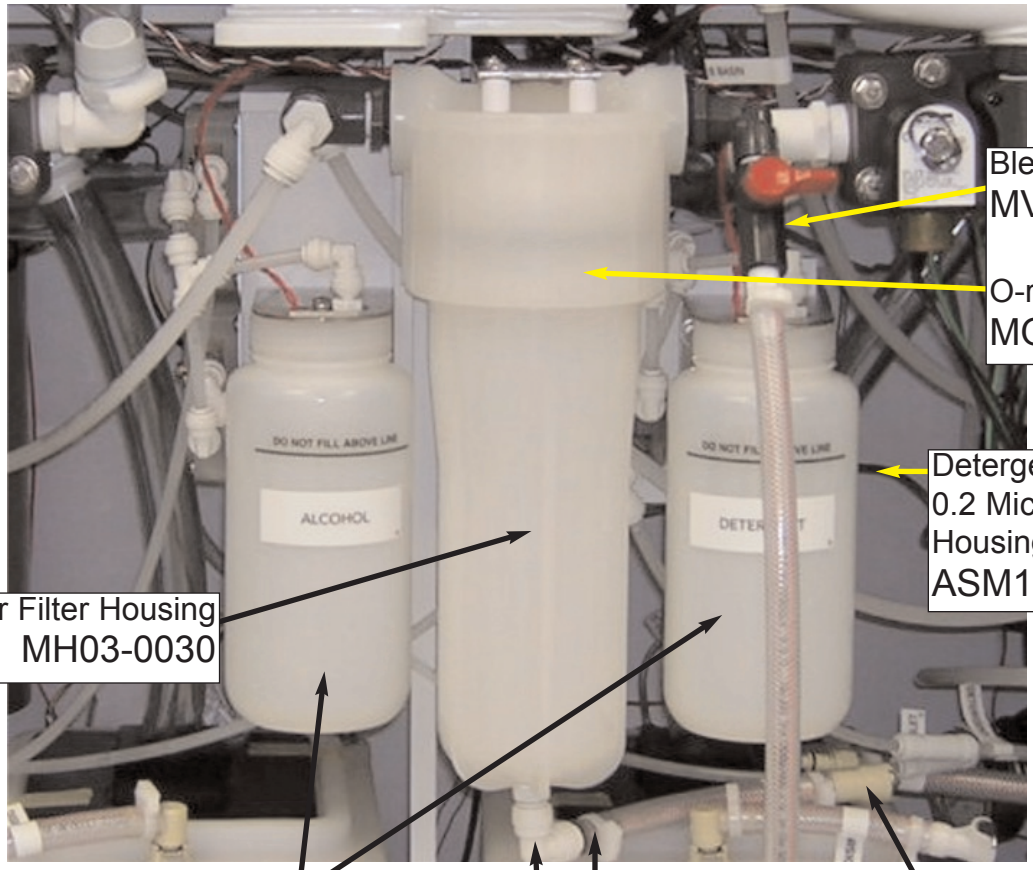
3/4” Valve Kit with Coil
MK01-0016

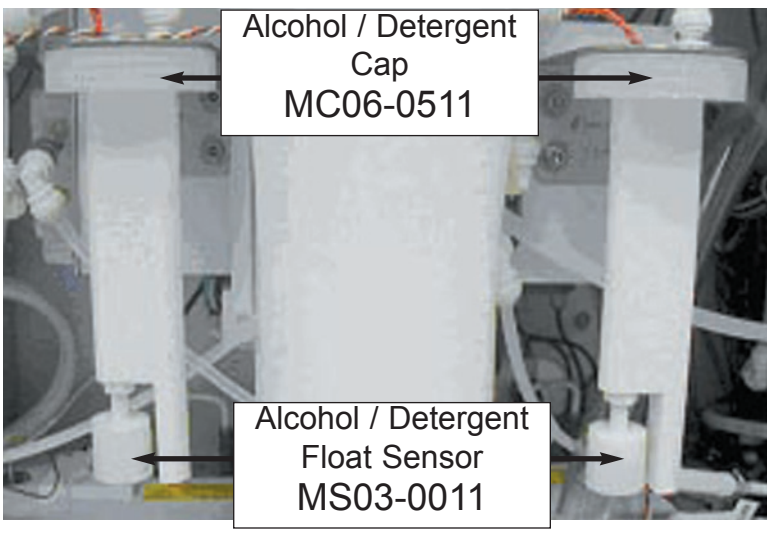
This includes the parts in the
MK01-0029
plus one Coil:
MC15-0000

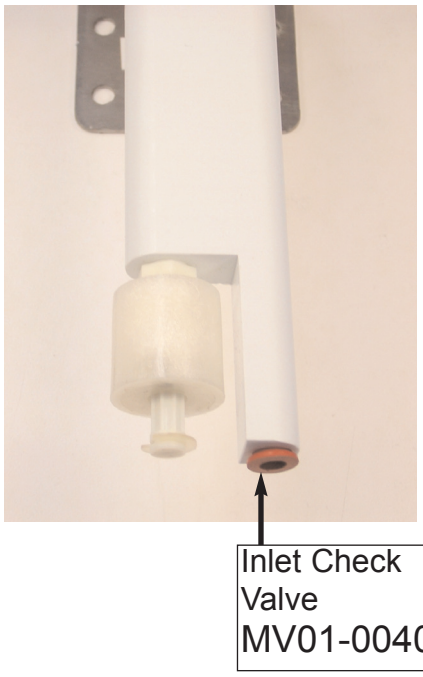
Electrical Contact Pins
30597-211

Alcohol / Detergent and Internal Water Filter Assemblies

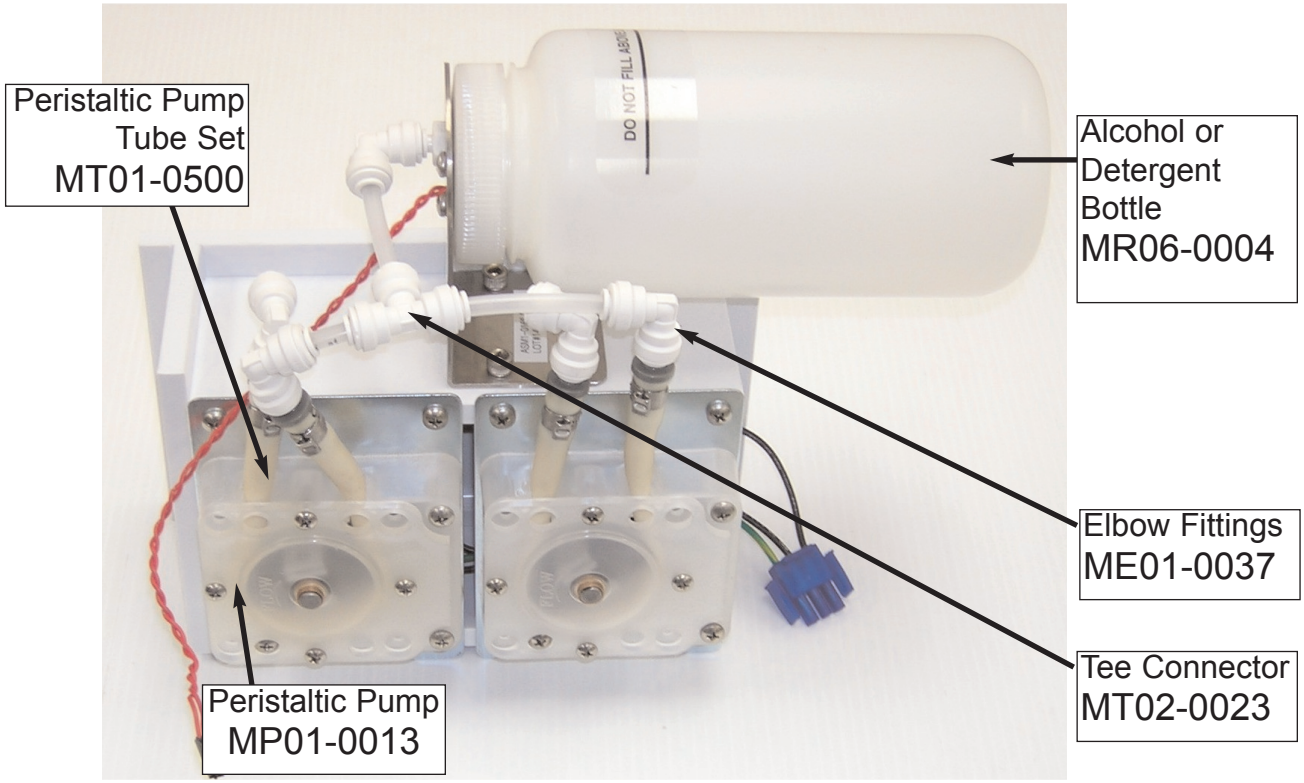
ASM1-0127: Alcohol and Pump Assembly
ASM1-0128: Detergent, Pump and 0.2 Micron Filter Assembly
ASM1-0166: Alcohol / Detergent Bottle Sub-Assembly used on above assemblies.



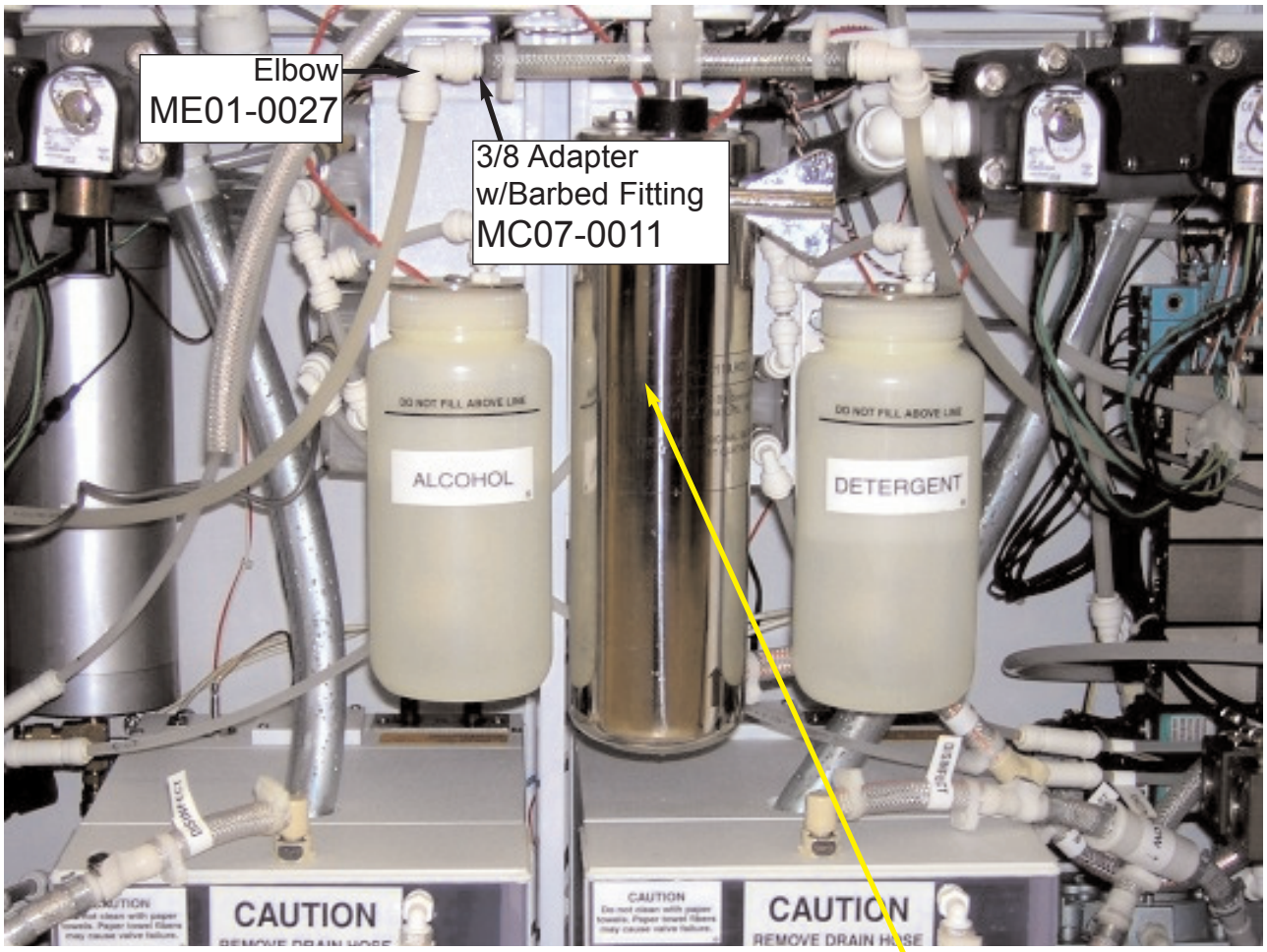




Alcohol Assembly: ASM1-0127



Early Style 0.2 Micron Internal Water Filter Housing



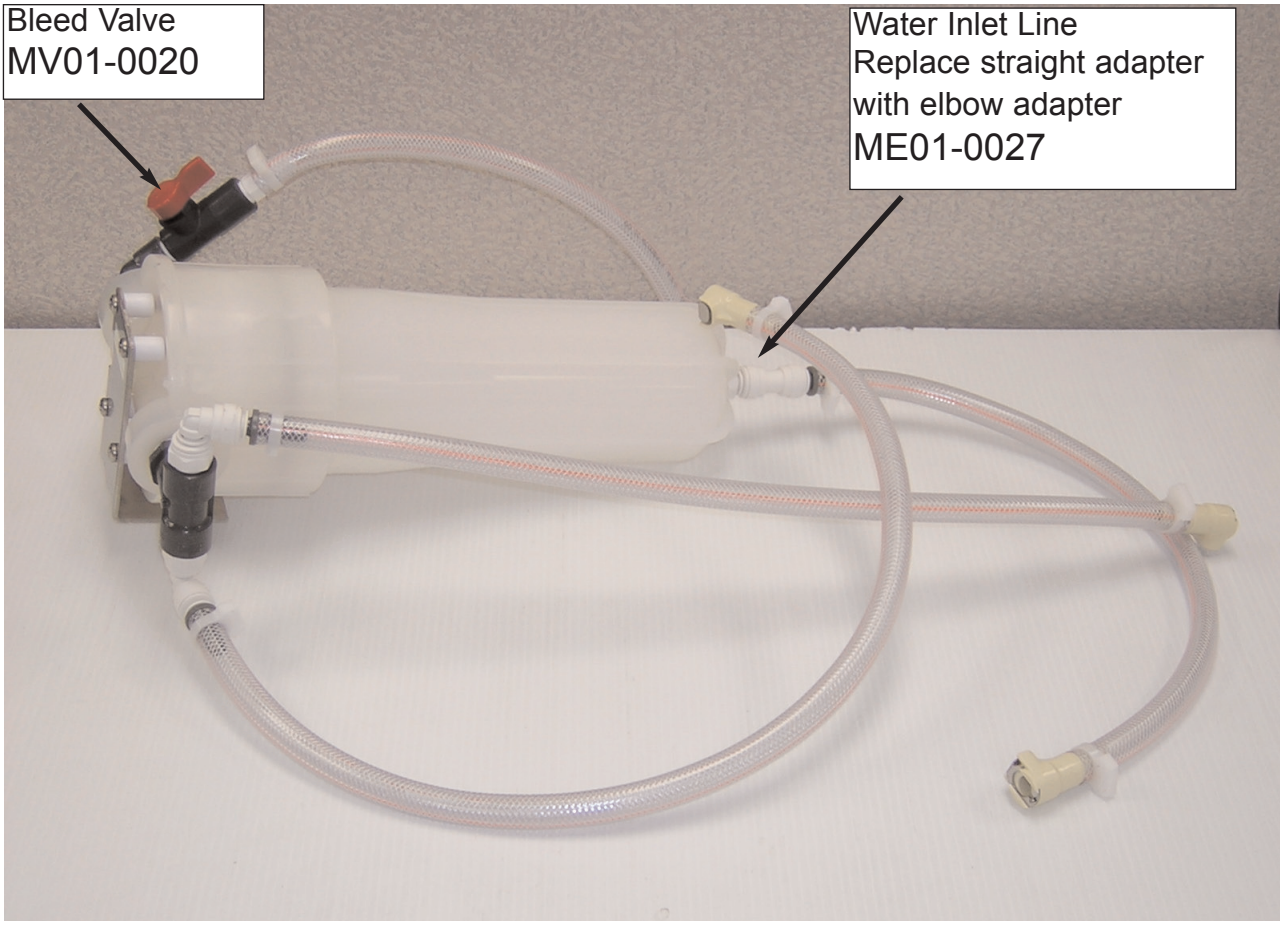
This Stainless Steel 0.2 Micron Water Filter Housing is obsolete.

Replacement Kit
MK01-0071
(see next page)

Plastic Filter Housing : MK01-0071
Replacement for the Stainless Steel Filter Housing

Other parts needed: ME01-0027 Qty 1
MT01-0024 Qty 4 ft. of Tubing

MK01-0071 is designed for the DSD-91E. To install in the DSD-201, contact the Technical Assistance Center at 1-800-848-9024.

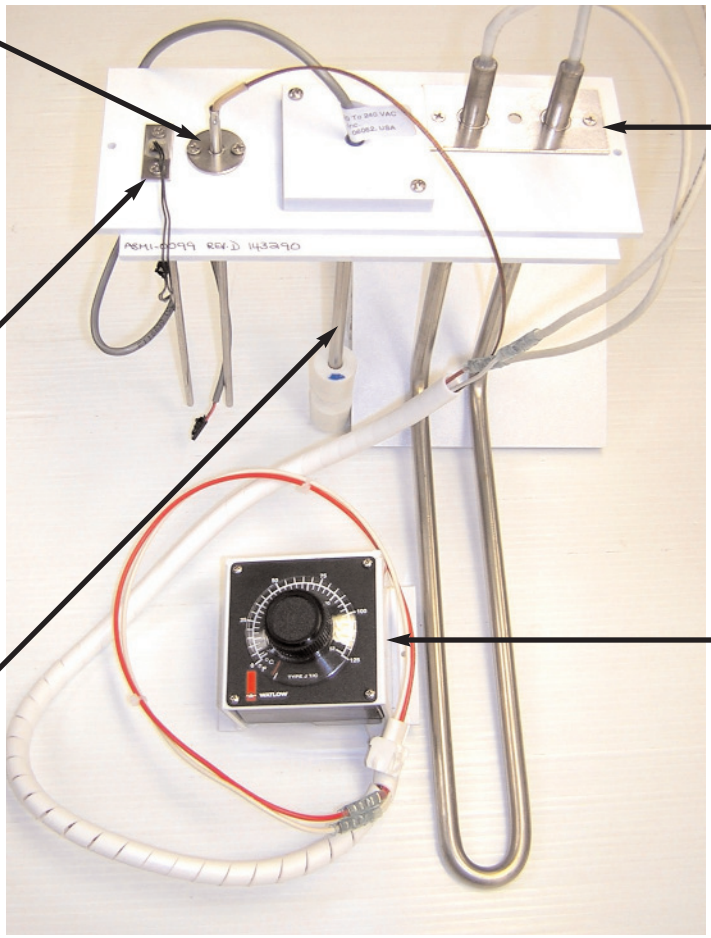


LCG Reservoir Assembly with Heat: ASM1-0204

CAUTION
Do not clean with paper towels. Paper towel fibers may cause valve failure.
CAUTION
REMOVE DRAIN HOSE PRIOR TO REMOVING RESERVOIR TANK

This LCG tank has been phased out. Repair parts will be available. If replacement tanks are needed, see pg. 26 for the part numbers.

Heater Assembly: ASM1-0099



Temperature Probe
MP09-0000
Connects to the temperature controller

Reservoir Thermistor
MT10-0500
Connects to the CPU

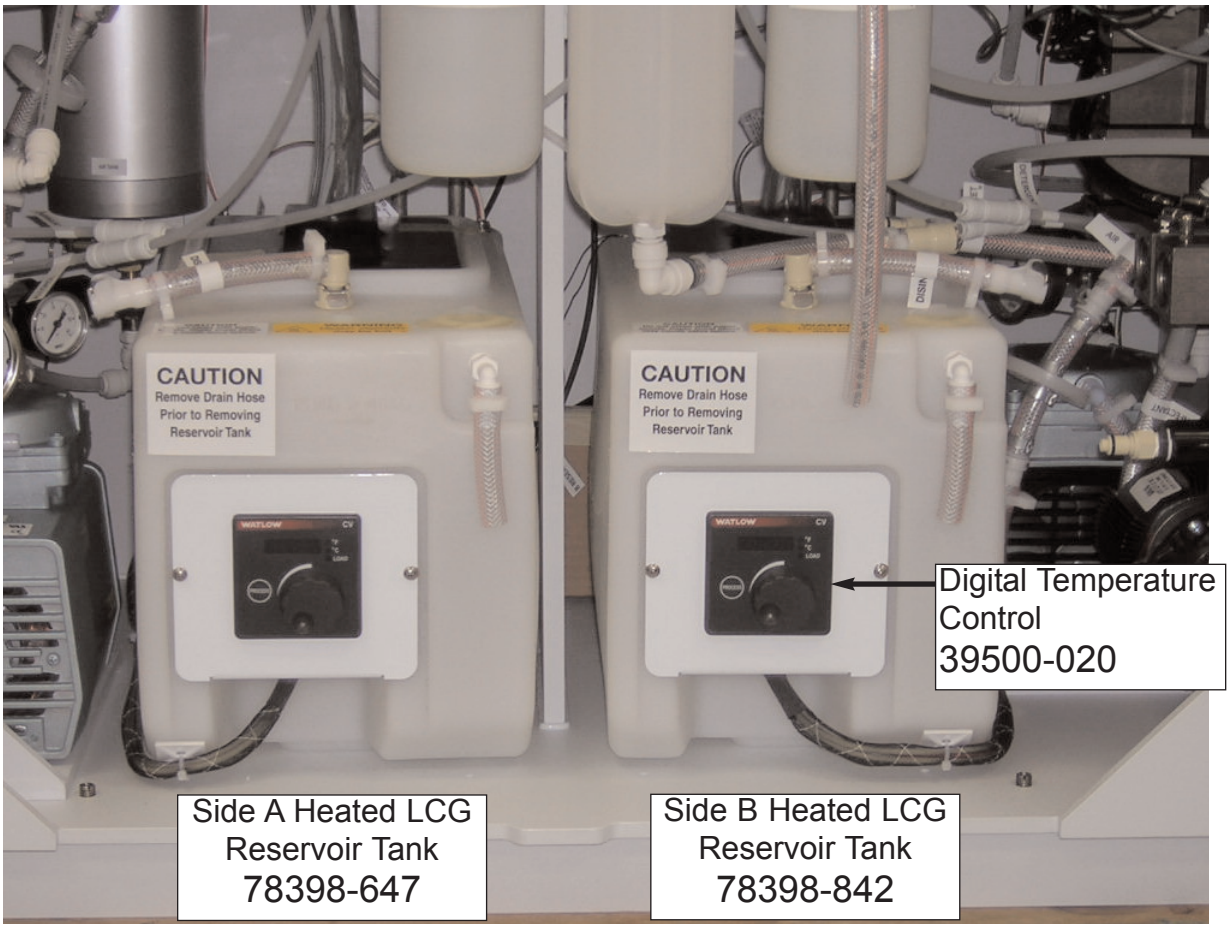
Reservoir Level Float Sensor
ASM1-0097

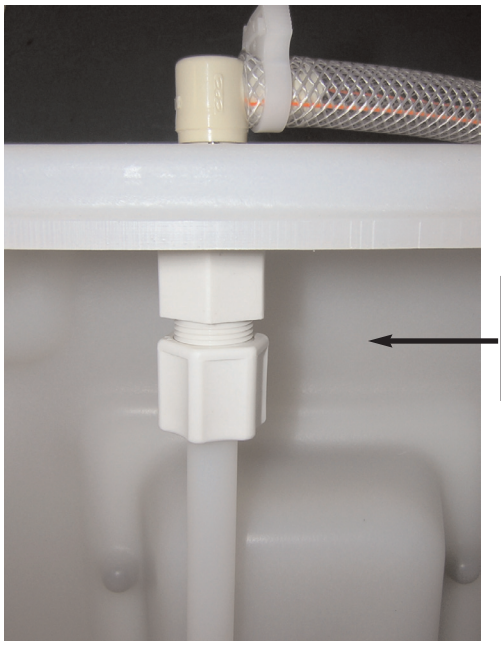
S/S Heater
500W-110V
MH02-0002

Heater Temperature Controller is obsolete
MC06-0001

To replace this with the Digital Controller, order kit P/N: 78398-131. This includes mounting bracket, hardware and instructions.

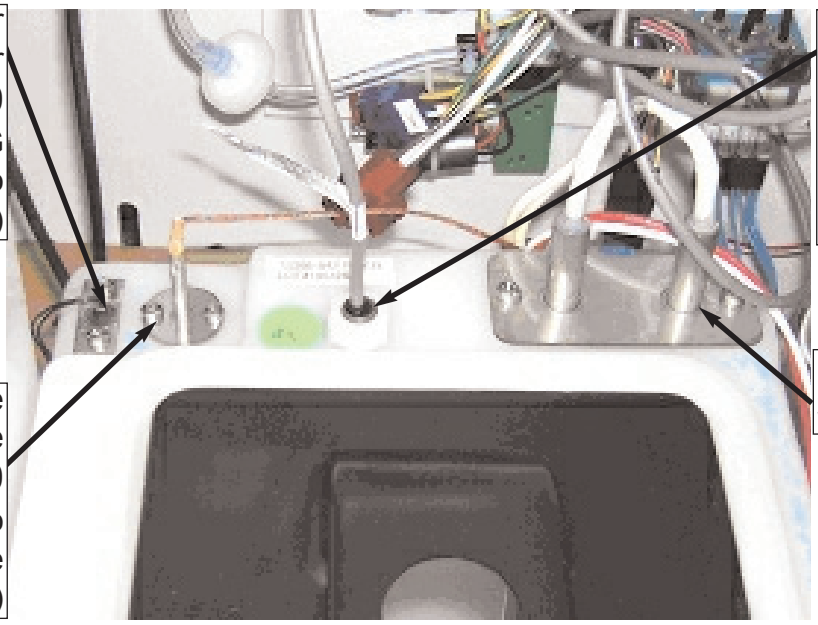
New Style LCG Reservoir Assembly





LCG Uptake Tube Assembly
(view is from inside the LCG tank)
78399-249

New Style LCG Reservoir Assembly (continued)



Reservoir Thermistor
MT10-0500
(sends LCG temperature to CPU)

LCG Float Level Sensor
35548-032
Nut
42600-018

Temperature Probe
MP09-0000
(Feeds back to temperature controller)

Heater coil
39500-021

LCG Reservoir Lid
75227-345

Elbow Connector
ME01-0018
Connects to 47509-374 Quick Connect Adapter

In-line Coupling
MC07-0022

Caution Label (paper towels)
67198-533

Snap on Lid
43086-000
(Provides access for testing LCG)

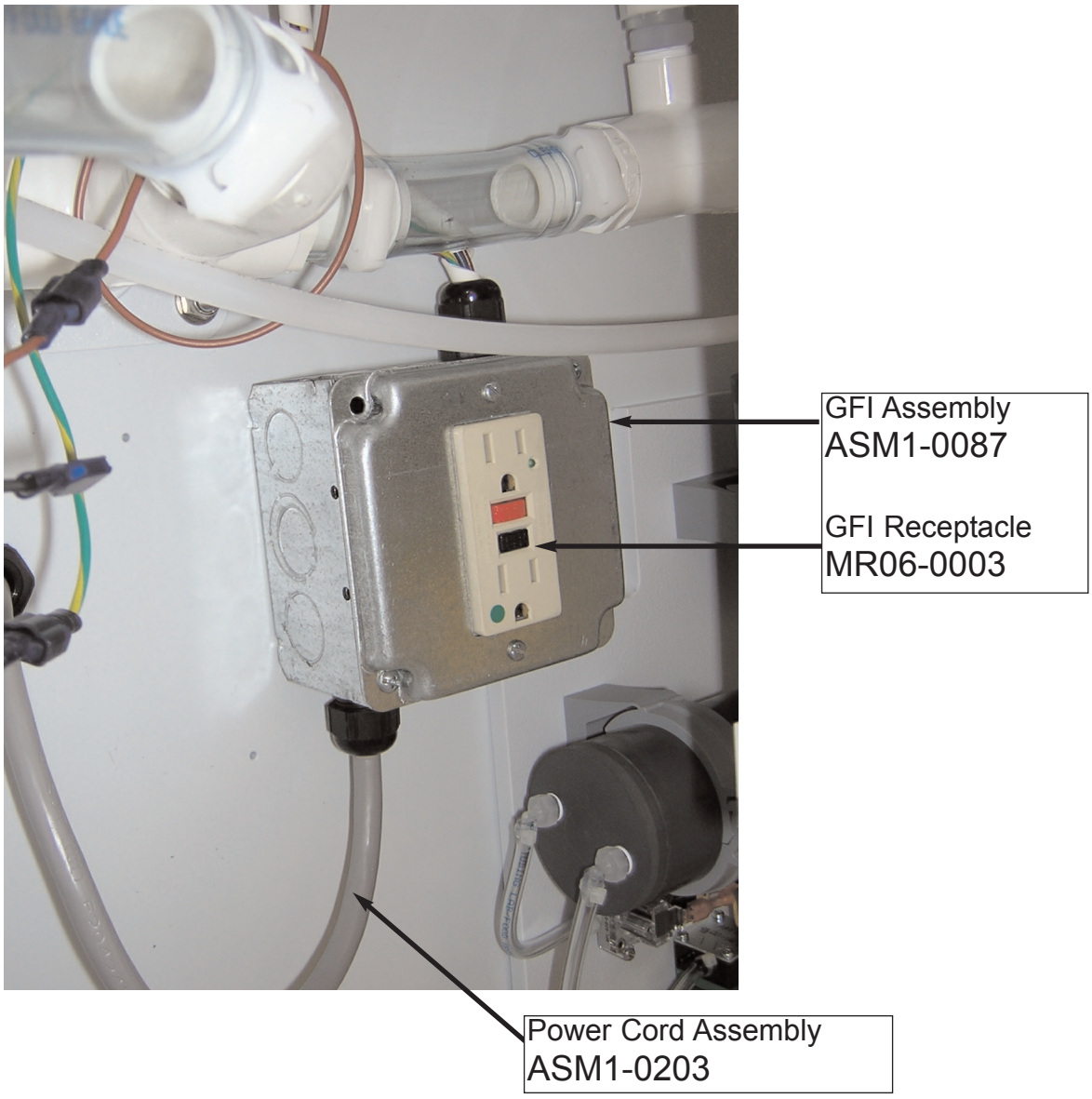
Air Tank: MT03-0023

Pressure Switch
MS07-0508

Elbow & Threaded Fitting
ME01-0028

Early model DSD's may have a Tee Fitting P/N MT02-0023

GFI Assembly: ASM1-0087



Filters and Accessories:

All items in this section are ordered through Olympus Customer Service.
Water Filters come in a quantity of 1 each

MF01-0014
1 Micron Pre-Filter

MF01-0015
0.45 Micron Pre-Filter

MF01-0013
0.2 Micron Final Water Filter

A ***filter change log*** sheet is located on the Medivators website at: www.minntech.com. Move your mouse to the Medivators Reprocessing tab on the menu bar, click on Resource Center, then User Library, then select DSD-201 from the Document Categories drop down menu. Go to the Report Forms Section.

MF01-0011
LCG Filter (Pack of 12)

MF01-0028
Air Filter (Pack of 8)

CB12-0002

Small Accessory Bag (Pack of 2)

MS07-0002

Rapicide MEC Test Strips (Pack of 2)

Endoscope Hook-ups

The endoscope hook-ups (or tubing sets) vary according to endoscope manufacturer and endoscope model number. To determine the correct tubing set, have available each endoscope model number used and call the Help Desk for assistance. This information is also available at the Medivators website located at: www.minntech.com. Move your mouse to the Medivators Reprocessing tab on the menu bar, click on Resource Center, then User Library, then select DSD Hook-ups from the Documents Categories drop down menu. Go to the second section, Hook-up Matrixes. If your endoscope manufacturer or model is not listed, contact Medivators for assistance.

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